

CLAIMS

1. Apparatus for refurbishing used cores for rolls of material, which apparatus comprises:

stripper means for stripping remaining material from the used cores;

feed means for feeding the used cores to the stripper means;

cleaning means for cleaning the used cores after they have been

treated by the stripper means; and

adhesive applicator means for applying adhesive to the used cores

whereby the used cores are then ready for re-use as refurbished

cores for new rolls of material.

2. Apparatus according to claim 1 and including sensor means for measuring and recording the length of the material stripped from each used core.

3. Apparatus according to claim 2 in which the sensor means measures in metric units.

4. Apparatus according to any one of the preceding claims and including a waste bin or a pallet for receiving the material stripped from each used core.

5. Apparatus according to any one of the preceding claims and including tag reader means for reading identity tags, there being one identity tag on each used core.
6. Apparatus according to claim 5 in which the identity tags are radio frequency identity tags, and in which the tag reader means is adapted to read the radio frequency identity tags.
7. Apparatus according to any one of the preceding claims in which the stripper means comprises rollers for rotating the used cores, end-obtaining means for obtaining a free end of the remaining material on each used core, and pull means for pulling the remaining material off each used core.
8. Apparatus according to claim 7 in which the rollers for rotating the coil are a pair of reversible drive rollers.
9. Apparatus according to claim 7 or claim 8 in which the end-obtaining means is a roller.
10. Apparatus according to claim 9 in which the roller is a brush roller.
11. Apparatus according to any one of the preceding claims in which the feed means is a conveyor feed means.

12. Apparatus according to any one of the preceding claims in which the cleaning means is a roller cleaning means.

13. Apparatus according to claim 12 in which the roller cleaning means has at least one scrubbing roller, and a wash station.

14. Apparatus according to claim 13 in which there are more than one of the scrubbing rollers, and in which the wash station is a hot wash station.

15. Apparatus according to claim 13 or claim 14 in which the wash station includes a container for containing cleaning water.

16. Apparatus according to any one of the preceding claims in which the adhesive applicator means comprises at least one roller for applying the adhesive.

17. Apparatus according to claim 16 in which there are two of the rollers for applying the adhesive.

18. Apparatus according to claim 16 or claim 17 and including a container for containing the adhesive.